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(54) Title: GENE FUNCTIONAL ANALYSIS AND DISCOVERY USING RANDOMIZED OR TARGET-SPECIFIC RIBOZYME GENE VECTOR LIBRARIES

(57) Abstract

The present invention provides a hairpin ribozyme library having a randomized recognition sequence, packaged in a vector and operably linked to a promoter suitable for high level expression in a wide variety of cells. The invention comprises using the library in a variety of selection protocols for identifying, isolating and characterizing known or unknown target RNAs, to reveal the phenotypic effects of such cleavage, and to identify the gene products that produce those phenotypic effects.